

American Petroleum Institute
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weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 72

For Week Ended March 15, 1991

NO. 11

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/15/91	Last Week Ending: 03/08/91	Last Year Week Ending: 03/16/90	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,971	13,204	13,068	-233	-97
Operable capacity	15,654	15,654	15,614	0	40
Percent operated	82.9	84.3	83.7		
Motor Gasoline					
Total motor gasoline production	6,474	6,623	6,421	-149	53
Finished leaded motor gasoline production	223	209	387	14	-164
Finished unleaded motor gasoline production	6,251	6,414	6,034	-163	217
Total motor gasoline stocks	216,463	220,134	241,159	-3,671	-24,696
Finished leaded motor gasoline stocks	8,553	8,896	14,617	-343	-6,064
Finished unleaded motor gasoline stocks	167,297	170,946	182,778	-3,649	-15,481
Jet Fuel Kerosine					
Jet fuel kerosine production	1,180	1,186	1,246	-6	-66
Jet fuel kerosine stocks	40,846	41,188	39,470	-342	1,376
Distillate Fuel Oil					
Distillate fuel oil production	2,940	3,006	2,537	-66	403
Distillate fuel oil stocks	99,289	101,547	105,894	-2,258	-6,605
Residual Fuel Oil					
Residual fuel oil production	1,122	959	1,015	163	107
Residual fuel oil stocks	44,472	44,935	46,270	-463	-1,798
Imports					
Crude oil imports	5,437	5,141	5,677	296	-240
Product imports	1,334	1,792	2,399	-458	-1,065
Crude Oil Stocks					
Crude oil stocks	335,154	330,168	350,983	4,986	-15,829
Crude Supply Balance					
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*See definitions on page 6



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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,395	1,189	1,209	1,384	87.4
Appal No. 1	98	90	91	124	73.4
DISTRICT 1 TOTAL	1,493	1,279	1,300	1,508	86.2
Ind., Ill., Ky.	1,964	1,928	1,928	2,250	85.7
Minn., Wisc., Dak.	321	319	320	343	93.3
Okla., Kans., Mo.	676	637	638	737	86.6
DISTRICT 2 TOTAL	2,961	2,884	2,886	3,330	86.7
Inland Texas	499	481	481	584	82.4
Texas Gulf Coast	3,159	2,640	2,640	3,339	79.1
La. Gulf Coast	2,464	2,429	2,436	2,911	83.7
N. La. and Ark.	195	189	194	257	75.5
New Mexico	83	76	76	78	97.4
DISTRICT 3 TOTAL	6,400	5,815	5,827	7,169	81.3
DISTRICT 4 TOTAL	481	468	468	556	84.2
DISTRICT 5 TOTAL	2,662	2,481	2,490	3,091	80.6
TOTAL U.S.	12,997	12,927	12,971	15,654	82.9
TOTAL U.S.					
Weeks Ended:					
MAR. 8, 1991	14,266	13,096	13,204	15,654	84.3
MAR. 16, 1990	13,939	12,941	13,068	15,614	83.7
DISTRICTS 1-4					
Weeks Ended:					
MAR. 15, 1991	11,335	10,446	10,481	12,563	83.4
MAR. 8, 1991	11,580	10,574	10,597	12,563	84.4
MAR. 16, 1990	11,110	10,218	10,275	12,566	81.8

API WEEKLY STATISTICAL BULLETIN

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	597	--	597	7	42	357	130
Appal. No. 1	32	3	29	--	--	25	3
DISTRICT 1 TOTAL	629	3	626	7	42	382	133
Incl. Ill., Ky.	1,077	10	1,067	8	115	384	89
Minn., Wisc., Dak.	147	4	143	--	26	72	8
Okla., Kans., Mo.	332	20	312	1	36	178	5
DISTRICT 2 TOTAL	1,556	34	1,522	9	177	634	102
Inland Texas	279	7	272	15	32	99	16
Texas Gulf Coast	1,479	2	1,477	30	265	641	201
La. Gulf Coast	983	9	974	10	286	582	170
N. La. and Ark.	55	--	55	7	4	53	13
New Mexico	39	6	33	9	2	17	2
DISTRICT 3 TOTAL	2,835	24	2,811	71	589	1,392	402
DISTRICT 4 TOTAL	242	48	194	17	19	136	12
DISTRICT 5 TOTAL	1,212	114	1,098	23	353	396	473
TOTAL U.S.	6,474	223	6,251	127	1,180	2,940	1,122
TOTAL U.S.							
Weeks Ended:							
MAR. 8, 1991	6,623	209	6,414	143	1,186	3,006	959
MAR. 16, 1990	6,421	387	6,034	199	1,246	2,537	1,015
DISTRICTS 1-4							
Weeks Ended:							
MAR. 15, 1991	5,262	109	5,153	104	827	2,544	649
MAR. 8, 1991	5,486	60	5,426	105	805	2,576	653
MAR. 16, 1990	5,232	227	5,005	146	847	2,136	595

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended March 15, 1991

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,324	11	3,313	--	131	467	2,669	309	--
Central Atlantic	26,475	--	21,553	4,922	176	4,124	16,078	14,666	9,981
Lower Atlantic	25,603	40	25,380	183	426	5,507	11,980	2,124	374
DISTRICT 1 TOTAL	55,402	51	50,246	5,105	733	10,098	30,727	17,099	10,355
DISTRICT 2 TOTAL	56,416	1,939	47,264	7,213	782	8,901	28,072	3,844	14,350
DISTRICT 3 TOTAL	64,477	619	46,589	17,289	2,280	14,015	25,600	15,030	52,980
DISTRICT 4 TOTAL	8,180	1,400	3,910	2,870	282	827	3,341	472	1,931
DISTRICT 5 TOTAL	31,988	4,544	19,308	8,136	1,656	7,005	11,549	8,027	24,552
TOTAL U.S.	216,463	8,553	167,297	40,613	5,733	40,846	99,289	44,472	104,168
TOTAL U.S.									
Weeks Ended:									
MAR. 8, 1991	220,134	8,896	170,946	40,292	5,947	41,188	101,547	44,935	103,853
MAR. 16, 1990	241,159	14,617	182,778	43,764	7,079	39,470	105,894	46,270	109,375
DISTRICTS 1-4									
Weeks Ended:									
MAR. 15, 1991	184,475	4,009	147,989	32,477	4,077	33,841	87,740	36,445	79,616
MAR. 8, 1991	187,982	3,735	152,015	32,232	4,120	33,941	90,627	37,330	77,879
MAR. 16, 1990	208,927	8,969	164,685	35,273	5,005	32,451	94,005	39,327	83,622

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline.²Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended March 15, 1991

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹ Total	Crude Oil Stocks By Location ¹	
	API Monthly	Latest Dept. of Energy October 1990			From Canada
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 15, 1991	4,620.0	4,636.0	5,399	716	259,454
MAR. 8, 1991	4,620.0	--	5,037	743	255,915
MAR. 1, 1991	4,587.0	--	5,226	806	260,306
FEB. 22, 1991	4,587.0	--	5,029	673	256,099
DISTRICT 5 TOTAL					
MAR. 15, 1991	2,866.0	2,863.0	38	27	75,700 #
MAR. 8, 1991	2,866.0	--	104	9	74,253
MAR. 1, 1991	2,914.0	--	253	18	75,837
FEB. 22, 1991	2,914.0	--	160	6	75,652
#INCLUDES 20,720 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
MAR. 15, 1991	7,486.0	7,499.0	5,437	743	335,154 #
MAR. 8, 1991	7,486.0	--	5,141	752	330,168
MAR. 1, 1991	7,501.0	--	5,479	824	336,143
FEB. 22, 1991	7,501.0	--	5,189	679	331,751
MAR. 16, 1990	7,347.0 a/	--	5,677	583	350,983
a/ DOE actual for March 1990.					

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE¹ (In thousands of 42-gallon barrels)

Week Ended:	Current	1990 Averages		
		Absolute	Positive	Negative
MAR. 15, 1991	921	476	555	-180

LOCATION OF CRUDE OIL STOCKS¹

(in thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 15, 1991	15,175	70,734	160,791	12,754	259,454	75,700 #	335,154 #
MAR. 8, 1991	13,593	70,615	159,032	12,675	255,915	74,253	330,168
MAR. 16, 1990	15,319	75,312	168,172	13,468	272,271	78,712	350,983

¹ See definitional notes, Page 6.

Week Ended March 15, 1991

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Finished Leaded	Gasoline Finished Unleaded	Gasoline ² Blending Components	Jet Fuel			Distillate Fuel Oil ³	Residual Fuel Oil	L.P.G.	Unfinished		Total
					Naphtha Type	Kerosine Type	Oils				Other		
New England	27	--	27	--	--	--	156	181	--	--	--	364	
Central Atlantic	51	--	51	--	--	52	87	177	8	127	50	552	
Lower Atlantic	--	--	--	--	--	19	--	64	--	--	--	8	
DISTRICT 1 TOTAL													
MAR. 15, 1991	78	--	78	--	--	71	243	422	8	127	50	999	
MAR. 8, 1991	227	--	227	67	--	56	223	301	6	77	110	1,067	
MAR. 1, 1991	32	--	32	66	--	32	80	262	4	107	58	641	
FEB. 22, 1991	65	--	65	40	--	58	136	335	5	93	33	765	
DISTRICTS 2-4 TOTAL													
MAR. 15, 1991	1	--	1	--	2	--	18	39	79	55	114	308	
MAR. 8, 1991	28	--	28	2	2	14	13	29	98	304	193	683	
MAR. 1, 1991	10	--	10	2	2	--	9	65	105	180	103	476	
FEB. 22, 1991	3	--	3	2	2	--	9	73	72	223	101	485	
DISTRICT 5 TOTAL													
MAR. 15, 1991	1	--	1	--	--	4	7	10	2	1	2	27	
MAR. 8, 1991	4	--	4	--	--	7	5	15	5	3	3	42	
MAR. 1, 1991	1	--	1	--	--	3	6	10	6	3	2	31	
FEB. 22, 1991	4	--	4	--	--	3	6	10	4	3	2	32	
TOTAL U.S.													
	80	--	80	--	2	75	268	471	89	183	166	1,334	
TOTAL U.S. Weeks Ended:													
MAR. 8, 1991	259	--	259	69	2	77	241	345	109	384	306	1,792	
MAR. 1, 1991	43	--	43	68	2	35	95	337	115	290	163	1,148	
FEB. 22, 1991	72	--	72	42	2	61	151	418	81	319	136	1,282	
MAR. 16, 1990	346	--	346	67	1	99	183	618	174	480	431	2,399	

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.²Gasoline blending components are not included in total motor gasoline imports.³Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.

Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.